



PTO/SB/06A (06-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 3

**Complete if Known**

Application Number	10/674,925
Filing Date	09/30/2003
First Named Inventor	Thomas A. Genise
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	00-TRN-403 CIP #1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MB		US- 6,484,860	11-26-2002	Michael L. Bassett	
		US- 6,247,570	06-19-2001	Hugh A. Zindler	
		US- 6,149,545	11-21-2000	Thomas A. Genise	
		US- 6,113,516	09-05-2000	Daniel P. Janecke	
		US- 6,022,295	02-08-2000	Chia-Hsiang Liu	
		US- 5,860,890	01-19-1999	Roumen Antonov	
		US- 5,730,269	03-24-1998	Richard A. Hersey	
		US- 5,634,867	06-03-1997	William J. Mack	
		US- 5,509,867	04-23-1996	Thomas A. Genise	
		US- 5,441,137	08-15-1995	Gregory J. Organek	
		US- 5,439,428	08-08-1995	James Slicker	
		US- 5,437,356	08-01-1995	Thomas H. Lohr	
		US- 5,409,432	04-25-1995	Jon A. Steeby	
		US- 5,370,013	12-06-1994	Joseph D. Reynolds	
		US- 5,280,828	01-25-1994	Frank Reynoso et al	
		US- 4,850,236	07-25-1989	Eugene R. Braun	
		US- 4,819,779	04-11-1989	Hans Nickel et al	
		US- 4,651,855	03-24-1987	Pierre Grunberg	
MB		US- 4,646,891	03-03-1987	Eugene R. Braun	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
MB		DE 1 090 103	09-29-1960	Hermann Klaue		
I		FR 992 523	10-19-1951	M. Michel Gravi		
I		FR 1 096 552	06-22-1955	S. A. Ferodo		
mb		GB 631 783	11-09-1949	Louis Marius Co		

Examiner  
Signature

Melody M. Buch

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Sheet 2 of 3

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Application Number	10/674,925
Filing Date	09/30/2003
First Named Inventor	Thomas A. Genise
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	00-TRN-403 CIP #1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cita No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
mb		US- 4,610,343	09-09-1986	Kazuo Hikari	
		US- 4,589,296	05-20-1986	Osamu Sato	
		US- 4,576,263	03-18-1986	E. James Lane	
		US- 4,361,060	11-30-1982	Robert R. Smyth	
		US- 4,081,065	03-28-1978	Robert R. Smyth	
		US- 4,034,273	07-05-1977	James M. Meek	
		US- 4,020,936	05-03-1977	Richard C. St. John	
		US- 4,016,963	04-12-1977	Richard C. St. John	
		US- 3,938,408	02-17-1976	Jerry F. Baremor	
		US- 3,810,533	05-14-1974	Ulrich O. Densow	
		US- 3,747,731	07-24-1973	Richard L. Smirl	
		US- 3,733,918	05-22-1973	Perry M. Domaas	
		US- 3,696,901	10-10-1972	Charles F. Henry	
		US- 3,580,372	05-25-1971	Paul J. Schiefer	
		US- 3,536,173	10-27-1970	Clifton S. Merkert	
		US- 2,907,433	10-06-1959	J. Maurice	
		US- 2,534,133	12-12-1950	H. G. Kirkpatrick	
		US- 2,441,928	05-18-1948	O. H. Banker	
mb		US- 2,016,643	10-08-1935	A. Lowndes	

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Examiner  
Signature

Melody M. Birch

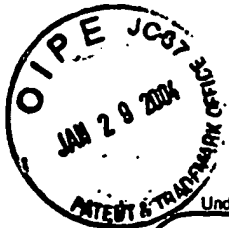
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11/8/04

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Art Unit	Unknown
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Attorney Docket Number	00-TRN-403 CIP #1

Sheet	3	of	3
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		European Search Report dated May 5, 2003 - Application No. EP 02 00 6150.3 - 2423)	

Examiner Signature	Melody M. Burch	Date Considered	11/8/04
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